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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	1	((convert\$3 or convers\$3) and ((cellular or cell or mobile or portable) adj (phone or telephone)) and (RGB and YUV) and ("on-screen" or "on screen" or "onscreen" or OSD)).CLM.	US-PGPUB	OR	ON	2007/01/26 09:33

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L11	7	(L10) and ((convert\$3 or convers\$3) same (OSD or "on-screen" or "on screen" or "onscreen"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:32
L13	0	(L10) and ((convert\$3 or convers\$3) same (YUV) and (OSD or "on-screen" or "on screen" or "onscreen"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:27
L12	0	(L10) and ((convert\$3 or convers\$3) same (RGB) and (OSD or "on-screen" or "on screen" or "onscreen"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:27
L10	2032	455/566.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:27
L9	8	455/566.ccls. and ((cellular or cell or mobile or portable) adj phone) and (OSD or ("on screen display" or "on-screen display"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:27
L8	0	(L2 or L4 or L5) and ((convert\$3 or convers\$3) same (YUV) and (OSD or "on-screen" or "on screen" or "onscreen"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:27
L7	0	(L2 or L4 or L5) and ((convert\$3 or convers\$3) same (RGB) and (OSD or "on-screen" or "on screen" or "onscreen"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:27
S17 2	2	455/566.ccls. and @ad<"20000929" and ((cellular or cell or mobile or portable) adj phone) and (OSD or ("on screen display" or "on-screen display"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:26
L6	1	(L2 or L4 or L5) and ((convert\$3 or convers\$3) same (OSD or "on-screen" or "on screen" or "onscreen"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:26
L5	389	379/93.23.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:24
L3	37	379/29.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:21

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L4	241	379/88.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:20
L2	215	379/142.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:20
S23 3	109	379/433.04.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:19
S23 2	319	715/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 16:03
S17 0	61	379/433.04.ccls. and @ad<"20000929"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 16:03
S16 9	66	715/864.ccls. and @ad<"20002909"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 16:03
S12 8	59	345/864.ccls. and @ad<"20002909"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 16:03
S23 1	68	alternat\$5 near7 ((RGB and YUV) or (graphics and video)) and ((mobile adj phone) or (mobile adj telephone) or (cell\$4 adj phone) or (cell\$4 adj telephone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/25 16:02
S20 0	795	alternat\$5 near7 ((RGB and YUV) or (graphics and video))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/25 16:02
S22 9	36	345/603.ccls. and ((composite and RGB) same (convert\$3 or conversion\$1 or transform\$3 or transformation\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:50
S22 8	1	345/603.ccls. and (mobile near3 phone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:50

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S18 2	0	345/603.ccls. and (mobile near3 phone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:50
S22 6	31	S225 and (timing near7 (memor\$3 or buffer\$1 or register\$1 or cache\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:15
S22 5	128	S224 and (OSD or "on-screen display" or "on screen display" or "on-screen-display")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:02
S22 4	2991	((rgb and yuv) same (convert\$3 or conversion\$1 or transform\$3 or transformation\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:02
S22 3	0	S221 and 345/535.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:02
S22 2	6	S221 and 345/549.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:02
S22 1	314	345/604.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:02
S18 0	27	S179 and (timing near7 (memor\$3 or buffer\$1 or register\$1 or cache\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:02
S17 7	0	S174 and 345/535.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:02
S17 5	6	S174 and 345/549.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 15:02
S22 0	4	("5402148" "5978016" "6278447" "6377818").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/25 14:54
S21 9	0	phone and S217	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:54

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S21 8	0	phone and S216	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:54
S21 7	8	("5406306" "5808630" "5821918" "5852444").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:53
S21 6	4	("4599611" "5844623").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:53
S21 5	20	S214 and ((mobile adj phone) or (mobile adj telephone) or (cell\$4 adj phone) or (cell\$4 adj telephone))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:53
S21 4	265	((RGB near3 (convert\$3 or convers\$3)) and (OSD or "on-screen-display"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:39
S21 3	80	("455"/\$.ccls. or "379"/\$.ccls. or "345"/\$.ccls.) and ((RGB near3 (convert\$3 or convers\$3)) and (OSD or "on-screen-display"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:39
S21 2	20	("455"/\$.ccls. or "379"/\$.ccls. or "345"/\$.ccls.) and ((RGB near3 (convert\$3 or convers\$3)) same (OSD or "on-screen-display"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:38
S21 1	0	("455"/\$.ccls. or "379"/\$.ccls.) and ((RGB near3 (convert\$3 or convers\$3)) same (OSD or "on-screen-display"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:38
S21 0	3	park-sang-ryul.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:28
S17 3	2	park-sang-ryul.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/25 14:21

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	2	L19 and ((cellular or cell or mobile or portable) adj (phone or telephone))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:39
L21	2	L18 and ((cellular or cell or mobile or portable) adj (phone or telephone))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:39
L20	2	L17 and ((cellular or cell or mobile or portable) adj (phone or telephone))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:39
L19	6	(L16) and ((convert\$3 or convers\$3) same (YUV) and (OSD or "on-screen" or "on screen" or "onscreen"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:39
L18	8	(L16) and ((convert\$3 or convers\$3) same (RGB) and (OSD or "on-screen" or "on screen" or "onscreen"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:39
L17	6	(L16) and ((convert\$3 or convers\$3) same (OSD or "on-screen" or "on screen" or "onscreen"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:39
L16	664	345/531.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:39
L15	1	345/531.ccls. and (timing adj signal) and (plural adj memor\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 09:38

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L26	314	345/604.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 10:10
L25	238	345/603.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 10:09
L24	128	345/549.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 10:09
L23	123	345/535.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 10:09

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Jacob Ström, Tomas Akenine-Möller

July 2005 **Proceedings of the ACM SIGGRAPH/EUROGRAPHICS conference on Graphics hardware HWWS '05**

Publisher: ACM Press

Full text available: [pdf\(2.18 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We present a novel texture compression scheme, called iPACKMAN, targeted for hardware implementation. In terms of image quality, it outperforms the previous de facto standard texture compression algorithms in the majority of all cases that we have tested. Our new algorithm is an extension of the PACKMAN texture compression system, and while it is a bit more complex than PACKMAN, it is still very low in terms of hardware complexity.

2 [High dynamic range texture compression for graphics hardware](#)



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Jacob Munkberg, Petrik Clarberg, Jon Hasselgren, Tomas Akenine-Möller

July 2006 **ACM Transactions on Graphics (TOG) , ACM SIGGRAPH 2006 Papers**

SIGGRAPH '06, Volume 25 Issue_3

Publisher: ACM Press

Full text available: [pdf\(5.07 MB\)](#)

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In this paper, we break new ground by presenting algorithms for fixed-rate compression of high dynamic range textures at low bit rates. First, the S3TC low dynamic range texture compression scheme is extended in order to enable compression of HDR data. Second, we introduce a novel robust algorithm that offers superior image quality. Our algorithm can be efficiently implemented in hardware, and supports textures with a dynamic range of over $10^9:1$. At a fixed rate of 8 bits per pixel, w ...

Keywords: graphics hardware, high dynamic range images, image compression, texture compression

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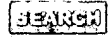
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